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PATENT REPRESENTATION BEFORE THE
U.S. PATENT & TRADEMARK OFFICE

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MAIL STOP PATENT APPLICATION
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00727 U.S. PTO
10/767102
012904



NEW NON-PROVISIONAL PATENT APPLICATION TRANSMITTAL

INVENTORS: Jene A. Golovchenko, Gregor M. Schürmann,
Gavin M. King, Daniel Branton

FOR: Controlled Fabrication of Gaps
in Electrically Conducting Structures

1. **Type of Application:**
Utility

2. **Small Entity:**
NO

3. **Priority to Prior U.S. Application Under 35 U.S.C. §120:**

This application is a continuation-in-part (CIP) and hereby claims priority under 35 U.S.C. §120 to the following application:

SERIAL NUMBER

10/367,075

FILING DATE

February 14, 2003

4. **Benefit of Provisional Application under 35 U.S.C. §119(e):**

SERIAL NUMBER

60/444,471

FILING DATE

February 3, 2003

EXPRESS MAIL Mailing Label No.: EU642968750US

Date of Deposit: January 29, 2004

I hereby certify that this New Application Transmittal and all documents referred to as being enclosed herein are being deposited with the United State Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. 1.10 on the date indicated above, and is addressed to Mail Stop Patent Application, Commissioner For Patents, Box 1450, Alexandria, VA 22313-1450.

Theresa A. Lober

5. Papers Enclosed Which are Required For Filing Date Under 37 C.F.R. §1.53:

This new application is filed with the following papers:

116 sheets of Specification, including claims, abstract and cover sheet

33 sheets of Informal drawings

6. Oath or Declaration:

Enclosed are 4 pages of an unsigned Declaration.

7. Assignee Indication on Front Page of Application Publication:

This invention is assigned to :President and Fellows of Harvard College, Cambridge, Massachusetts. Please indicate President and Fellows of Harvard College as assignee on the front page of the publication of this application.

8. Figure to be Included on the Front Page of Application Publication:

Please include Figure 16I on the front page of the application publication.

9. Filing Fee Calculation

For	No. Filed	No. Extra	Sm/Lg Rate	FEE
<u>Basic Fee:</u>	---	----	\$385/\$770	\$770.00
<u>Total Claims:</u>	<u>21</u> - <u>20</u> =	<u>01</u>	\$9/\$18	\$ 18.00
Independent				
<u>Claims: :</u>	<u>02</u> - <u>03</u> =	<u>00</u>	\$43/\$86	
Multiple				
<u>Dep. Claims:</u>	NO		\$145/\$290	
<u>TOTAL FILING FEE:</u>				<u>\$788.00</u>

10. Payment of Fees:

Enclosed is a check in the amount of \$788.00 to cover the filing fee indicated above. Please apply to Deposit Account No. 12-1760 any credits and any additionally required fees beyond those indicated above and as prescribed by 37 C.F.R. §1.16 and §1.17.

11. Correspondence:

Please direct all correspondence to the following:

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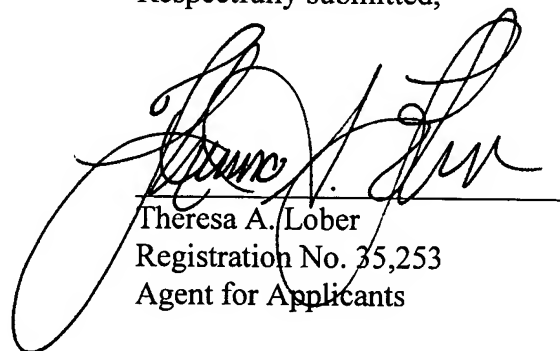
12. Return Receipt Postcards

Kindly return the enclosed self-addressed and stamped return post cards.

Date:

January 29, 2004

Respectfully submitted,


Theresa A. Lober
Registration No. 35,253
Agent for Applicants